

Title (en)
SYSTEM AND METHOD FOR DEVELOPING AND MAINTAINING TEMPERATURE-COMPENSATED ALTITUDE INFORMATION

Title (de)
SYSTEM UND VERFAHREN ZUR ENTWICKLUNG UND ZUR AUFRECHTERHALTUNG VON TEMPERATURKOMPENSIERTEN HÖHENINFORMATIONEN

Title (fr)
SYSTÈME ET PROCÉDÉ PERMETTANT DE DÉVELOPPER ET DE PRÉSERVER DES INFORMATIONS D'ALTITUDE À COMPENSATION THERMIQUE

Publication
EP 3470781 A1 20190417 (EN)

Application
EP 18199200 A 20181008

Priority
US 201715729562 A 20171010

Abstract (en)
A system and method for developing and maintaining temperature-compensated altitude information are disclosed. One method includes receiving a message including an outside air temperature value for a prospective geographic position of a vehicle, and an altitude value and a barometric corrected altitude value for a current geographic position of the vehicle. The method determines if the outside air temperature value for the prospective geographic position of the vehicle is not equal to a current outside air temperature value, and updates the outside air temperature value for the prospective geographic position of the vehicle with the current outside air temperature value if the outside air temperature value for the prospective geographic position of the vehicle is not equal to the current outside air temperature value.

IPC 8 full level
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Citation (search report)

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Designated contracting state (EPC)
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